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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Hong-Soo KIM, Kyu-Charn PARK, Jung-Dal CHOI, Seong-Soon CHO

Serial No.: 10/726,788

Examiner:

Filing Date: December 2, 2003

Group Art Unit: 2812

Title: METHODS OF FORMING SEMICONDUCTOR DEVICES HAVING FIELD OXIDES IN  
TRENCHES AND DEVICES FORMED THEREBY

Confirmation No. 6111

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97 (b); or  
(Within three months of filing national application; or date of entry of International application;  
or before mailing date of first office action on the merits; or before the mailing of a first Office  
Action after the filing of a request for continued examination under §1.114; whichever occurs  
last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97 (e), or  
☐ a \$180 fee under 37 CFR 1.17 (p); or  
(After mailing of first Office Action, but prior to Notice of Allowance or Final Office Action)
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☐ a \$180.00 fee set forth in 37 CFR 1.17 (p).  
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☒ Applicant(s) submit herewith Form PTO 1449- Information Disclosure Citation together with  
copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s)  
may be material to the examination of this application and for which there may be a duty to disclose in accordance  
with 37 CFR 1.56.

☒ A copy of the Limited Recognition Under 37 CFR § 10.9(b)

It is requested that the information disclosed herein be made of record in this application.

Any deficiency or overpayment should be charged or credited to deposit account number 13-1703. A  
duplicate copy of this sheet is enclosed.

Customer No. 20575

Respectfully submitted,  
MARGER JOHNSON & McCOLLOM, P.C.

Hosoon Lee  
Limited Recognition Under 37 CFR § 10.9(b)

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PATENT APPLICATION

Atty. Docket No.: 4591-357 Serial No. 10/726,788  
Applicant: Hong-Soo KIM, Kyu-Charn PARK, Jung-Dal CHOI, Seong-Soon CHO  
Filing Date: December 2, 2003 Group: 2812



INFORMATION DISCLOSURE CITATION  
FORM PTO-1449 (Modified)

U.S. PATENT DOCUMENTS

Exam Init	Ref	Document Number	Issue Date	Name	Class	Sub Class
_____	_____					

FOREIGN PATENT DOCUMENTS

Exam Init	Ref	Document Number	Publication Date	Country	Name
_____	_____	10-056059	2-24-1998	Japan	NEC Corp.
_____	_____	2001-0054164	7-02-2001	Korea	HYNIX Semiconductor Inc.

OTHER DOCUMENTS

Exam Init	Ref	Author, Title, Date, Pertinent Pages, Etc.)
_____	_____	English language abstract of Japanese Publication No. 10-056059.
_____	_____	English language abstract of Korean Publication No. 1020010054164 A.

Examiner: \_\_\_\_\_

Date Considered: \_\_\_\_\_

BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE

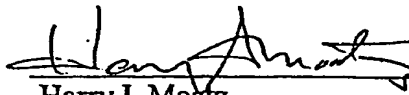


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Expires: July 16, 2005

  
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